



PTQ/SB/08a (07-05)

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~~Substitute for form 14-59 MPTO~~

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

<i>Complete If Known</i>	
<i>Application Number</i>	10/772,217
<i>Filing Date</i>	February 2, 2004
<i>First Named Inventor</i>	Richard L. Giroux, et al.
<i>Art Unit</i>	3672
<i>Examiner Name</i>	William P. Neuder
<i>Attorney Docket Number</i>	WEAT/0344.P1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	/William Neuder/	Date Considered	04/11/2007
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Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		<i>Application Number</i>	10/772,217
		<i>Filing Date</i>	February 2, 2004
		<i>First Named Inventor</i>	Richard L. Giroux, et al.
		<i>Art Unit</i>	3672
		<i>Examiner Name</i>	William P. Neuder
<i>Attorney Docket Number</i>	WEAT/0344.P1		
Sheet	2	of	2

Examiner Signature	William Neuder/	Date Considered	04/11/2007
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 149A/PTO

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STATEMENT BY APPLICANT**

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Sheet 1 of 6

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Attorney Docket Number WEAT/0344.P1

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Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/WN/	A1	US-7,128,154	10-31-2006	Giroux, et al.	
	A2	US-7,117,957	10-10-2006	Metcalfe, et al.	
	A3	US-7,108,084	09-19-2006	Vail, III	
	A4	US-7,108,083	09-19-2006	Simonds, et al.	
	A5	US-7,108,072	09-19-2006	Cook, et al.	
	A6	US-7,100,713	09-05-2006	Tulloch	
	A7	US-7,100,710	09-05-2006	Vail, III	
	A8	US-7,098,982	08-28-2006	McKay, et al.	
	A9	US-7,093,875	08-22-2006	Pia	
	A10	US-7,090,004	08-15-2006	Warren, et al.	
	A11	US-7,048,050	05-23-2006	Vail, III, et al.	
	A12	US-7,040,420	05-09-2006	Vail, III	
	A13	US-7,036,610	05-02-2006	Vail, III	
	A14	US-7,013,997	03-21-2006	Vail, III	
	A15	US-7,004,284	02-28-2006	Simpson, et al.	
	A16	US-6,953,096	10-11-2005	Gledhill, et al.	
	A17	US-6,941,652	09-13-2005	Echols, et al.	
	A18	US-6,926,128	08-09-2005	Baumann, et al.	
	A19	US-6,923,255	08-02-2005	Lee	
	A20	US-6,920,932	07-26-2005	Zimmerman	
	A21	US-6,857,487	02-22-2005	Galloway, et al.	
	A22	US-6,845,820	01-25-2005	Hebert, et al.	
	A23	US-6,802,374	10-12-2004	Edgar, et al.	
	A24	US-6,749,026	08-15-2004	Smith, et al.	
	A25	US-6,742,591	06-01-2004	Metcalfe	
	A26	US-6,732,822	05-11-2004	Slack, et al.	
	A27	US-6,725,917	04-27-2004	Metcalfe	
	A28	US-6,722,559	04-20-2004	Millar, et al.	
	A29	US-6,702,029	03-09-2004	Metcalfe, et al.	
	A30	US-6,578,830	08-17-2003	Simpson, et al.	
	A31	US-6,571,868	08-03-2003	Victor	
/WN/	A32	US-6,527,049	03-04-2003	Metcalfe, et al.	

Examiner Signature	/William Neuder/	Date Considered	04/11/2007
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				<i>Art Unit</i>	3672
				<i>Examiner Name</i>	William P. Neuder
Sheet	2	of	6	<i>Attorney Docket Number</i>	WEAT/0344.P1

U.S. PATENT DOCUMENTS					
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		Number - Kind Code ² (if known)	MM-DD-YYYY		
/WN/	A33	US- 6,446,323	09-10-2002	Metcalfe, et al.	
	A34	US- 6,425,444	07-30-2002	Metcalfe, et al.	
	A35	US- 6,224,112	05-01-2001	Eriksen, et al.	
	A36	US- 6,085,838	07-11-2000	Vercaemer, et al.	
	A37	US- 6,029,748	02-28-2000	Forsyth, et al.	
	A38	US- 6,021,850	02-08-2000	Wood, et al.	
	A39	US- 5,801,787	05-11-1999	Boyle	
	A40	US- 5,890,540	04-06-1999	Pia, et al.	
	A41	US- 5,791,416	08-11-1998	White, et al.	
	A42	US- 5,755,299	05-28-1998	Langford, Jr., et al.	
	A43	US- 5,718,288	02-17-1998	Bertet, et al.	
	A44	US- 5,685,369	11-11-1997	Ellis, et al.	
	A45	US- 5,611,397	03-18-1997	Wood	
	A46	US- 5,560,426	10-01-1996	Trahan, et al.	
	A47	US- 5,409,059	04-25-1995	McHardy	
	A48	US- 5,343,968	09-06-1994	Glowka	
	A49	US- 5,303,772	04-19-1994	George, et al.	
	A50	US- 5,083,608	01-28-1992	Abdrakhmanov, et al.	
	A51	US- 5,024,273	06-18-1991	Coone, et al.	
	A52	US- 4,897,840	10-06-1987	Szarka	
	A53	US- 4,613,161	09-23-1986	Brisco	
	A54	US- 4,610,320	09-09-1986	Beakley	
	A55	US- 4,588,030	05-13-1986	Blizzard	
	A56	US- 4,531,581	07-30-1985	Pringle, et al.	
	A57	US- 4,469,174	09-04-1984	Freeman	
	A58	US- 4,429,620	02-07-1984	Burkhardt, et al.	
	A59	US- 4,324,407	04-13-1982	Upham, et al.	
	A60	US- 4,319,393	03-16-1982	Pogonowski	
	A61	US- 4,288,082	09-08-1981	Setterberg, Jr.	
	A62	US- 4,159,564	07-03-1979	Cooper, Jr.	
	A63	US- 4,127,168	11-28-1978	Hanson, et al.	
/WN/	A64	US- 4,069,573	01-24-1978	Rogers, Jr., et al.	

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				Filing Date	February 2, 2004
				First Named Inventor	Richard L. Giroux
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Sheet	3	of	6	Attorney Docket Number	WEAT/0344.P1

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		Number - Kind Code ² (if known)			
/WN/	A65	US- 3,948,321	04-08-1976	Owen, et al.	
	A66	US- 3,811,707	10-14-1975	Minakov, et al.	
	A67	US- 3,818,734	08-25-1974	Bateman	
	A68	US- 3,776,307	12-04-1973	Young	
	A69	US- 3,712,376	01-23-1973	Owen, et al.	
	A70	US- 3,621,910	11-23-1971	Sanford, et al.	
	A71	US- 3,467,180	09-16-1969	Pensotti	
	A72	US- 3,195,646	07-20-1965	Brown	
	A73	US- 3,087,546	04-30-1963	Woolley	
	A74	US- 2,898,971	08-11-1959	Hempel	
	A75	US- 2,383,214	08-21-1945	Prout	
	A76	US- 2,345,308	03-28-1944	Wallace	
	A77	US- 2,344,120	03-14-1944	Baker	
	A78	US- 2,216,226	10-01-1940	Bumpous	
	A79	US- 2,214,226	09-10-1940	English	
	A80	US- 2,102,555	12-14-1937	Dyer	
	A81	US- 1,930,825	10-17-1933	Raymond	
	A82	US- 1,851,289	03-29-1932	Owen	
	A83	US- 1,597,212	08-24-1928	Spengler	
	A84	US- 1,569,729	01-12-1928	Duda	
	A85	US- 1,561,418	11-10-1925	Duda	
	A86	US- 1,545,039	07-07-1925	Deavers	
	A87	US- 1,459,990	06-26-1923	Reed	
	A88	US- 1,324,303	12-09-1919	Carmichael	
	A89	US- 761,518	05-31-1904	Lykken	
	A90	US- 2005/0183892	08-25-2005	Oldham, et al.	
	A91	US-2005/0152749	07-14-2005	Anres, et al.	
	A92	US- 2004/0238218	12-02-2004	Runia, et al.	
	A93	US- 2004/0060700	04-01-2004	Vert, et al.	
	A94	US- 2004/0011568	01-22-2004	Lee	
	A95	US- 2002/0166668	11-14-2002	Metcalfe, et al.	
/WN/	A96	US- 2002/0145281	10-10-2002	Metcalfe, et al.	

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Sheet	4	of	6
		<i>Attorney Docket Number</i>	WEAT/0344.P1

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		Number - Kind Code ² (if known)			
/WN/	A97	US- 2001/0045284	11-29-2001	Simpson, et al.	
/WN/	A98	US- 2001/0040054	11-15-2001	Haugen, et al.	
/WN/	A99	US-2001/0000101	04-05-2001	Lovato, et al.	
	A100	US-			
	A101	US-			
	A102	US-			
	A103	US-			
	A104	US-			
	A105	US-			

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (# known)				
/WN/	B1	GB 2 396 375	06-23-2004	Galloway, et al.		
	B2	GB 2 326 896	01-06-1999	Montaron		
	B3	GB 2 320 734	07-01-1998	Coronado, et al.		
	B4	GB 2 239 918	07-17-1991	Vanderjagt		
	B5	GB 2 221 482	02-07-1990	Baker, et al.		
	B6	GB 887,150	01-17-1962	Schramm, et al.		
	B7	RU 2079633	05-20-1997	Sultan, et al.		
	B8	WO 02/29199	04-11-2002	Cook, et al.		
	B9	WO 01/60545	08-23-2001	Cook, et al.		
	B10	WO 00/77431	12-21-2000	Cook, et al.		
	B11	WO 00/37773	06-29-2000	Metcalfe, et al.		
	B12	WO 00/37772	06-29-2000	Metcalfe, et al.		
/WN/	B13	WO 99/18328	04-15-1999	Bailey, et al.		
	B14					
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
/WN/	C1	Multilateral Case History, Onshore-Nigeria, Baker Hughes, 2000		
/WN/	C2	Multilateral Case History, Offshore Norway, Baker Hughes, 1995		
/WN/	C3	TOMMY WARREN, BRUCE HOUTCHENS, AND GARRETT MADELL, Directional Drilling With Casing, SPE/IADC 78914, SPE/IADC Drilling Conference, Amsterdam, The Netherlands, February 19-21, 2003, pages 1-10		
	C4			
	C5			
	C6			
	C7			
	C8			
	C9			
	C10			
	C11			
	C12			
	C13			
	C14			

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Substitute for form 1449A/PTO			Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	10/772,217
			Filing Date	February 2, 2004
			First Named Inventor	Richard L. Giroux
			Art Unit	3672
			Examiner Name	William P. Neuder
			Attorney Docket Number	WEAT/0344.P1
Sheet	1	of	2	

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
AN/N/	A1	US-7,165,634	01/23/2007	Vall, III	
	A2	US-7,159,668	01/09/2007	Herrera	
	A3	US-7,147,068	12/12/2006	Vail, III	
	A4	US-7,143,847	12/05/2006	Pia	
	A5	US-7,140,455	11/28/2006	Walter, et al.	
	A6	US-7,140,443	11/28/2006	Belerbach, et al.	
	A7	US-7,137,454	11/21/2006	Pieiras	
	A8	US-7,128,154	10/31/2006	Giroux, et al.	
	A9	US-7,124,825	10/24/2006	Slack	
	A10	US-7,108,080	09/19/2006	Tessari, et al.	
	A11	US-7,082,997	08/01/2006	Slack	
	A12	US-7,044,241	06/16/2006	Angman	
	A13	US-7,013,892	03/21/2006	Tessari, et al.	
	A14	US-6,892,819	05/17/2005	Cook, et al.	
	A15	US-6,758,278	07/06/2004	Cook, et al.	
	A16	US-6,742,584	06/01/2004	Appleton	
	A17	US-6,725,919	04/27/2004	Cook, et al.	
	A18	US-6,705,413	03/16/2004	Tessari	
	A19	US-6,640,903	11/04/2003	Cook, et al.	
	A20	US-6,612,383	09/02/2003	Dessai, et al.	
	A21	US-6,591,905	07/15/2003	Coon	
	A22	US-6,554,063	04/29/2003	Ohmer	
	A23	US-6,497,289	12/24/2002	Cook, et al.	
	A24	US-6,401,820	06/11/2002	Kirk, et al.	
	A25	US-6,311,792	11/06/2001	Scott, et al.	
	A26	US-6,244,363	06/12/2001	McLeod	
	A27	US-6,108,200	08/22/2000	Mocivnik, et al.	
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	A30	US-5,878,815	03/09/1999	Collins	
	A31	US-5,829,539	11/03/1998	Newton, et al.	
	A32	US-5,730,221	03/24/1998	Longbottom, et al.	
	A33	US-5,685,373	11/11/1997	Collins, et al.	
	A34	US-5,462,120	10/31/1995	Gondouin	
	A35	US-5,435,386	07/25/1995	LaFleur	
	A36	US-5,394,823	03/07/1995	Lenze	
AN/N/	A37	US-5,311,852	05/17/1994	Eddison, et al.	

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Sheet	2	of	2	Attorney Docket Number	WEAT/0344.P1

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Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
/WN/	A38	US- 5,271,472	12/21/1993	Leturno	
	A39	US- 4,770,259	09/13/1988	Jansson	
	A40	US- 4,708,202	11/24/1987	Sukup, et al.	
	A41	US- 4,182,423	01/08/1980	Ziebarth, et al.	
	A42	US- 3,835,910	02/03/1978	Gaudy, et al.	
	A43	US- 3,656,564	04/18/1972	Brown	
	A44	US- 3,273,660	09/20/1968	Jackson, et al.	
	A45	US- 3,001,585	09/26/1961	Shipley	
	A46	US- 2,696,387	12/07/1954	Robishaw	
	A47	US- 2005/0077048	04/14/2005	Hall	
	A48	US- 2005/0011643	01/20/2005	Slack, et al.	
	A49	US- 2004/0182579	09/23/2004	Steele, et al.	
	A50	US- 2003/0183424	10/02/2003	Tulloch	
/WN/	A51	US- 2003/0042022	03/08/2003	Lauritzen, et al.	
	A52	US-			
	A53	US-			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)			
/WN/	B1	GB 733,596	07/13/1955	Cochran, et al.	
/WN/	B2	WO 00/50730	08/31/2000	Tessari	
	B3				
	B4				
	B5				
	B6				
	B7				
	B8				
	B9				
	B10				

Examiner Signature	William Neuder/	Date Considered	04/11/2007
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